

ABSTRACT

NUR AWALIAH. 2017. *The Influence of the Implementation of Discovery Learning Model on Natural Science Learning Interests of Class V Students of SDN Pao-Pao in Gowa District* (supervised by Suparlan Suhartono and Pattaufi).

The background of the research is learning should be focused on the students and able to improve students' activeness in learning. The research aims to discover (1) the description of the implementation of discovery learning model in class V at SD Negeri Pao-Pao in Gowa District, (2) the description of Natural Science learning interests of class V students at SDN Pao-Pao in Gowa District, (3) the influence of the implementation of discovery learning model on Natural Science learning interests of class V students at SDN Pao-Pao in Gowa District.

The research was true experiment research using true experimental design with Pretest-Posttest Control Group Design. The dependent variable of the research was learning interest and the independent variable was the implementation of discovery learning model. The populations of the research were 76 students consisted of two parallel classes, namely class V_A and class V_B that divided into two groups, namely experiment and control group. The samples of the research were 38 students taken randomly. The instruments employed in the research were questionnaire and observation sheet. Questionnaire was used to measure students' learning interest and observation sheet was used to examine the learning implementation using discovery learning model. Data collections were analyzed by using two statistic methods, namely descriptive statistics and inferential statistics which covered data normality test, data homogeneity test, and hypothesis test by using independent sample t-test.

The results of the study reveal that the descriptions of learning implementation using discovery learning model are: in the first meeting on the aspects of teacher and students each is in medium category, the second meeting on the aspects of teacher and students each is improve in good category, the third meeting on the aspects of teacher and students each is in good category, and in the fourth meeting on the aspects of teacher and students each is improve more to very good category. The level of students' Natural Science learning interests in experiment group which had been given discovery learning model treatment for 4 times showed improvement of students' learning interests in the Natural Science. This could be seen from the significant improvement from medium category to very high category. There is positive influence of the implementation of discovery learning model in improving Natural Science learning interests of class V students at SDN Pao-Pao in Gowa District.

Keywords: *discovery learning model, learning interest*

